RoadRunner
LX65

Flexible, Reliable Performance Again and Again

The Christie RoadRunner LX65 is the latest in the line of high-brightness LCD projectors from Christie. The LX65 builds on the success of the RoadRunner L6, stepping up both brightness and performance levels to ensure your optimum presentation, no matter what the environment.

The LX65 provides 6500 ANSI lumens brightness from a dual-lamp light engine for bright, beautifully realistic images with no worries about reliability, making this newest addition perfect for both Rental/Staging and Fixed Installation environments. New 3D digital video processing produces sharp video images from analog and digital sources, 90% brightness uniformity and an 1100:1 contrast ratio take your image presentation to the next level. The new Fast Lens Change (FLC™) mount is a robust new lens mount system designed for no-fuss lens changes and easy set-up. The LX65 is easy-to-use, perfect for the rigors of the road, or in a corporate boardroom for spectacular displays.

The LX65 offers the choice of projecting 6500 ANSI lumens for stunningly bright images, or 3250 ANSI lumens to extend the lamp life and provide built-in redundancy for failsafe operation.

Feature-rich and supported by a full suite of optional lenses and accessories, the LX65 is the perfect projector, whatever the challenge. Compatible with the new Real Color Manager (RCM) software, users can target and match the displayed color to specific gamma curves and reference monitors for a picture-perfect presentation and real-life images.

Through the connectivity of ChristieNET™, you can monitor lamp life, projector temperature and other vital functions over any network for ultimate control and preventative maintenance.

- **Ultra-high brightness 6500 ANSI lumens**
- **1100:1 contrast ratio on/off**
- **True XGA native resolution (1024 x 768)**
- **Scaling for VGA up to UXGA**
- **Range of optional input modules including DVI, SDI, HD-SDI**
- **Extensive lens suite**
- **Lens shift and digital keystone correction capability**
- **Lamp life of 1000 hours typical**
- **Optional ChristieNET™ connectivity for monitoring and control**

APPLICATIONS

- Staging applications
- Large auditoriums and churches
- Executive briefing and conference centers
- Training rooms
- Medical training theaters
- Government institutions

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RoadRunner LX65 • Specifications

Brightness
- 6500 ANSI lumens (typical, dual lamp mode)
- 3250 ANSI lumens (typical, single lamp mode)
- 90% brightness uniformity

Contrast Ratio
- Up to 1100:1 on/off

Resolution
- 3 x 1.8" LCD TFT p-Si Active Matrix light engine with Micro Lens Array
- True XGA (1024 x 768) resolution
- 8-bit digital color processing offering 16.7 million displayable colors

Dynamic Scaling
- Digital scaling of VGA – UXGA resolutions
- Digital De-interlacing Technology of STV, DTV, and HDTV formats (DDT) with 2:3 pull-down

Horizontal Frequency
- 15 to 120kHz
- Automatic frequency control

disc players and video cameras
- Auto-detects PAL, PAL M, PAL N, NTSC, NTSC4.43m and SECAM video standards
- Accepts and displays all currently known DTV/HDTV formats; 480i, 480p, 720p, 1080i, 1035i via RGB or Y, Pb, Pr connection
- HDTV compatible with 2:3 pull-down
- 800 TV lines horizontal resolution
- Digital Visual Interface (DVI-D), SDI, and HD-SDI compatible

Enhanced Feature Set
- 3D Digital Comb Filter (DCF) for Y/C separation
- User-selectable 2 or 1 lamp mode
- Motorized zoom and focus
- Motorized lens shift (up and down)
- Picture freeze function
- Presentation timer
- Digital zoom function (min. x 1/4, max. x 49)
- Digital keystone function (+/- 30 degrees)
- Power management function
- Audio mute

Power Requirements
- Universal power AC 100 – 240 V, 50/60Hz
- Operating voltage: 90 – 264V (100 – 120V/ 200 – 240V +/- 10%)
- Power consumption: 730W maximum
- Thermal dissipation: 2450 BTU/hr
- Operating temperature: 5° to 35° C (storage: -10° to 60° C)
- Operating humidity: 20 – 80% (storage: 0 – 90%)
- Acoustic noise level: 46dB (auto fan control for noise level reduction)

Weight and Size
- 45.2 lbs (20.5 kg)
- 17.3" W x 8.9" H x 23.8" D
- 439mm W x 230mm H x 605mm D

Standard Accessories
- Real Color Manager user-definable gamma software
- Wireless/wired remote controller with mouse control and laser pointer (two "AA" type batteries and cable included)
- User manual

FEATURES

- *Intuitive on-screen display controlled via remote or direct-key access.*
- *Dual or single-lamp mode with an 1100:1 contrast ratio offers both flexibility and failsafe operation.*
- *The LX65 offers unprecedented brightness and projection power with new 3-D video processing.*

Vertical Frequency
- 50 to 120Hz
- Automatic frequency control

Dot Clock
- 170MHz

Projection Lens
- A full suite of short/medium/long-fixed and zoom optional lenses
- Fast Lens Change (FLC™) mount has power adjustable zoom, focus, up/down shift
- Power lens shift max. U/D ratio of 10:0 to 0:10
- Image elevation adjustment: up to 5.7 degrees
- Screen size: 40" to 600" (0.15m to 15.24m) diagonal

Modular Inputs
- Input 1: analog RGB, D-sub-15 x 1; audio – RCA x 2 (R, L/mono); control – 8-pin mini-DIN x 1
- Input 2: BNC x 5 (R, G, B, H, V and Y, Pb/Cb, Pr/Cr); audio – RCA x 2 (R, L/mono); control – 8-pin mini-DIN x 1
- Input 3: BNC x 2 (composite and S-video Y/C); 4-pin mini-DIN S-video; audio – RCA x 2 (R, L/mono)

Outputs
- Two built-in speakers 3W per channel
- Stereo audio loop-through RCA x 2

Source Compatibility
- Compatible with VGA, SVGA, XGA, SXGA, UXGA, Mac, SUN and SGI computer sources
- Accepts composite video, S-video and component video from VCR, DVD, laser

Control/Networking
- Automatic Multi-Scanning Set-up system (AMSS) (phase/tracking/position)
- Progressive scan video decoding
- USB type B mouse control
- Remote control jack
- RS232-C control port and loop-through via 9-pin D-sub terminal (in/out)
- Wired remote control
- IR remote keypad with mouse and laser pointer
- Front and rear IR receivers
- Remote mouse control
- ChristieNET™ control and monitoring via HTML and SNMP (optional)

Graphical User Interface
- Easy set-up and intuitive multi-language on-screen displays (OSD) (English/German/French/Spanish/ Italian/Portuguese/Dutch/Swedish/ Chinese/Korean/Japanese)
- Direct-key status function
- Choice of image aspect ratios (4:3 or wide 16:9)
- Blue back display
- Standby on-screen logo display
- Picture reverse scans function (left/right, top/bottom) for front, rear and inverted projection

Lamp Specification
- Dual-lamp 250W UHP lamps with optional 1-lamp operation
- 1000 hours typical lamp life at maximum brightness
- Lamp life warning indicators
- User replaceable lamp

- Computer cable (D-sub-15 – D-sub-15)
- MAC/VGA adapter
- Mouse control cable (PS/2, Serial and MAC)
- AC line cord x 2 (UL type and European 2P plug type)

Optional Accessories
- 0.8:1, 1.2:1 fixed lenses
- 1.3-1.8:1, 2.0-2.6:1, 2.6-3.5:1, 3.5-4.6:1, 4.6-6.0:1 zoom lenses
- 7.0:1 fixed lens
- Anamorphic Conversion lens adapter
- ChristieNET networking and monitoring system
- DVI-D module
- 5 BNC module
- Y/C interface module, S-video
- 15-pin sub-D interface module
- HD-SDI digital interface module
- SDI digital interface module
- 10-bit Faroudja video processing module
- Ceiling mount
- Transit case
- 250W UHP lamp module
- Lens mount adapter kit

Regulatory Approvals
- Complies with all relevant worldwide EMC, EMI and safety standards
- The product complies with FCC Class A, CSA C22.2 No. 950, UL 1950, cUL and IEC950 (EN60950) European Norm.

Warranty
- Product warranty 2 years parts and labor (excluding lamp)
- Lamp warranty 120 days

Reliability
- Mean time between failure (MTBF) over 19000 hrs

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Due to constant research, specifications are subject to change without notice.

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